

Receiving Report

Date: 5-07-17

Batch No: 1327109

Supplier: KLX

Dart P/O: 29144

Packing Slip: Yes / No
 Invoice: Yes / No
 Receipt: Cash Cr /
 New Supplier Yes No /

Release Note Attached: Yes / No N/A
 Waybill Attached: Yes / No
 Shipment Complete: Yes / No N/A
 QC18 Inspection N/A /
 Work Order N/A /

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Rec'd	Quantity Short	Quantity Inspected	Quantity Rejected	Comment / NCR Number

Initials of Receiver

QC12

[Signature]

Production/Admin:

Date

Received/Costing

Initial

Location



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO29144**

Purchase Order Date 7/15/2015

PO Print Date 7/15/2015

Page Number 1 of 2

Order From :
KLX INC.
88289 EXPEDITE WAY
CHICAGO, IL 33172
USA

VU-KLX01

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name
Vendor Phone 305-925-2600

Ship To Contact
Ship To Phone
Ship Via: FedEx Economy collect
Ship Acct:

Buyer
Customer POID
Customer Tax # 10127-2607
Terms Net 30
Currency USD
FOB Destination-Collect

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	MS20600-AD4W5 ✓	Blind Rivet	7/17/2015 Yes 7/17/2015	FN	400.00 ✓ Each	\$0.24	\$96.00 ✓

Line Total: \$96.00

2	71401-45	Procurement Quality Clause	7/17/2015 No 7/17/2015		1.00 ✓	\$0.00	\$0.00
---	----------	----------------------------	------------------------------	--	--------	--------	--------

Procurement Quality Clauses
A005 RIGHT OF ENTRY
A012 CHEMICAL AND PHYSICAL TEST REPORTS
A016 PERSONNEL QUALIFICATION
A026 CERTIFICATION OF MATERIAL CONFORMANCE
A032 PUBLIC LAW 101-592 FASTENER QUALITY ACT
A033 STATEMENT OF CONFORMITY/TEST RECORDS
FOR NAS, AN and MS FASTENERS
A040 NOTIFICATION OF QUALITY ESCAPE
A041 QUALITY MANAGEMENT SYSTEM
A043 RETENTION OF QUALITY DOCUMENT

Sylvie B

SP15-07-17

Note:

7/15/2015



Tel: +1.305.925.2600 • Fax: +1.305.507.7191 • www.KLXAerospace.com

Remit to Address: 88289 Expedite Way, Chicago, IL 60695-0001

Wire Instructions: KLX Inc. • JPMorgan Chase Bank New York

ABA: 021000021 • Account: 304639273 • SWIFT: CHASUS33 • CHIP UID: 0002

INVOICE NUMBER

JONK26

SEND TO ACCOUNTING

SOLD TO:
002409

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY, ON
CANADA K6A 1K7



SHIP TO:

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY, ON
CANADA K6A 1K7

PAGE 1

ORDER NO.		DATE	SHIP VIA		TERMS		SHIPPING TERMS		
PO29144		07/15/15	FEDX INTL P1 COLL		NET 45		FOB-MIAMI		
ITEM NO.	QUANTITY ORDERED	PART NUMBER AND DESCRIPTION			PRICE	UNIT	BACK ORDER	SHIPPED	AMOUNT
001	400	MS20600AD4W5 TARIFF: 7616.10.3000 Description RIVET, BLIND ECCN :EAR99 MFR: CHERRY AEROSPACE SANTA AN CTRL#: 2014H14776 LOT#: 87961961 LOT QTY: 400 Country of Origin USA These commodities, technology or software were exported from the United States in accordance with the Export Administration Regulations. Diversion contrary to U.S. law is prohibited. *** SHIPPED 1 CTN *** # 1=CTN 2# 0 OZ. 642617669081			0.240	EA	0	400	96.00
INVOICE FREIGHT ACCOUNT # 615178121									
ORDER#.....		9SRRW6							
CONSOLIDATE#..		1BL8J9							
				SUBTOTAL : 96.00					
				HANDLING : 0.00					
				DISC/ALL : 0.00					
				INCM FRT : 0.00					
				FREIGHT : 0.00					
				TOTAL : 96.00USD					
				U.S. CURRENCY					
men		9SRRW6		SHIPPED ON 07/15/15					

MATERIAL TO BE RETURNED MUST HAVE PRIOR AUTHORIZATION BY KLX INC.

ALL ITEMS ARE SUBJECT TO A 100% RESTOCKING CHARGE.

SHIPPED FROM: 10000 NW 15 TERRACE, MIAMI, FL 33172

MATERIAL CERTIFICATION: KLX INC. (KLX AEROSPACE SOLUTIONS) WARRANTS THAT THE ITEMS SUBJECT OF THIS INVOICE WILL BE FREE FROM DEFECTS OF MATERIAL AND WORKMANSHIP AND, AS SET FORTH ON THE MATERIAL CERTIFICATION FORM ACCOMPANYING THE ITEMS SUBJECT OF THIS INVOICE, ARE IN CONFORMITY WITH ALL CURRENT GOVERNMENT REQUIREMENTS AND THE SPECIFICATIONS OF THE RESPECTIVE MANUFACTURERS. KLX AEROSPACE SOLUTIONS DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ALL WARRANTIES OF MERCHANTABILITY AND OF FITNESS FOR A PARTICULAR PURPOSE. THE LIABILITY OF KLX AEROSPACE SOLUTIONS IS EXPRESSLY LIMITED EXCLUSIVELY TO REPLACEMENT BECAUSE OF A DEFECT IN MATERIAL OR WORKMANSHIP SUCH REPLACEMENT SHALL OF ANY ITEM WHICH IS REJECTED CONSTITUTE SATISFACTION OF ALL LIABILITY KLX AEROSPACE SOLUTIONS MAY HAVE IN CONNECTION WITH SUCH ITEM, WHETHER LIABILITY IS BASED UPON CONTRACT RIGHTS, NEGLIGENCE, OR OTHERWISE, AND IN NO EVENT SHALL KLX AEROSPACE SOLUTIONS BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES. FURTHER, KLX AEROSPACE SOLUTIONS MUST BE NOTIFIED OF A REJECTION OF AN ITEM WITHIN 30 DAYS AFTER RECEIPT BY THE CUSTOMER.



PACKING SLIP

BY RECEIVING DELIVERY OF THE ITEMS COVERED BY THIS PACKING SLIP, BUYER AGREES TO THE TERMS AND CONDITIONS OF SALE AT:

<http://www.KLXAerospace.com/conditions-sale/>



Vice President of Quality



Tel: +1.305.925.2600 • Fax: +1.305.507.7191 • www.KLXaerospace.com

Remit to Address: 88289 Expedite Way, Chicago, IL 60695-0001

Wire Instructions: KLX Inc. • JPMorgan Chase Bank New York

ABA: 021000021 • Account: 304639273 • SWIFT: CHASUS33 • CHIP UID: 0002

CONSOLIDATION

1BL8J9

PAGE 1



SEND TO ACCOUNTING

SOLD TO:
002409

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY, ON
CANADA K6A 1K7

SHIP TO:

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY, ON
CANADA K6A 1K7

ORDER NO. See Below		DATE 07/15/2015	SHIP VIA FEDX INTL P1 COLL	TERMS NET 45	SHIPPING TERMS FOB-MIAMI			
ITEM NO.	QUANTITY ORDERED	PART NUMBER AND DESCRIPTION		PRICE	UNIT	BACK ORDER	SHIPPED	AMOUNT
1		INVOICE# CUST P/O						
		FED. TAX# 47-163-9172						
		JONK26 PO29144						
		***CONSOLIDATION SUMMARY PAGE ONLY						
men		SHIPPED ON 07/15/2015						
07/15/07 17								
MATERIAL TO BE RETURNED MUST HAVE PRIOR AUTHORIZATION BY KLX INC.								

ALL ITEMS ARE SUBJECT TO A 100% RESTOCKING CHARGE.

PACKING SLIP

BY RECEIVING DELIVERY OF THE ITEMS COVERED BY THIS PACKING SLIP, BUYER AGREES TO THE TERMS AND CONDITIONS OF SALE AT:
<http://www.KLXaerospace.com/conditions-sale/>



P.O. Box 025263, Miami, FL 33102-5263 • Tel: 305.925.2600 • Fax: 305.507.7191
Plant Location: 10000 N.W. 15th Terrace, Miami, FL 33172 • SITA: MIAMMCR
www.KLXaerospace.com

Shipped From: 10000 NW 15 TERRACE, MIAMI, FL 33172


Material Certification

The items set forth on the purchase order referred to below have been visually inspected and the dimensions thereof have been measured by us, and based on the aforesaid, as well as the representation made to us by the manufacturers of the items subject of such purchase order, we hereby certify that such items are in conformity with all current governmental and manufacturer's requirements, specifications, drawings, and conform to the purchase order requirements. Said items are in new condition and have not been obtained from any U.S. Government or Military source and are traceable to KLX Aerospace Solutions.

FIRM: DART AEROSPACE LTD

PURCHASE ORDER#: PO29144

LNE#	QUANTITY	U/M	PART-NUMBER	CUST REF#	LOT-NUMBER	MANUFACTURER	CCODE	MFR DATE	EXP DATE
001	400	EA	MS20600AD4W5		87961961	CHERRY AEROSPACE SAN	11815		


Jason Lewis
Senior Director, Global Quality

07/15/15

Inv # 07/15/15



CHERRY®
AEROSPACE

SPS Fastener Division, a PCC Company

Cherry Aerospace
1224 East Warner Avenue
Post Office Box 2157
Santa Ana, CA 92707-0157
USA



PACKING LIST

Order No: S0382902

Page: 1

Order Date: 04/04/14

Print Date: 08/07/14



Sold-To: 10015341

Ship-To: 10043053

S O L D T O	B/E AEROSPACE
	PO BOX 025263
	MIAMI, FL 33102-5263
	USA

S H I P T O	B/E AEROSPACE INC,
	CONSUMABLES MANAGEMENT
	9835 NW 14TH ST
	MIAMI, FL 33172
	USA

Salesperson (s):110

Purchase Order: 0XJS59

Credit Terms: NET 30
Net 30

Ship Via: FED EX NATIONAL CL

FOB: Origin - Collect

Remarks:

IF UNDER 150# SHIP FEDEX GROUND COLLECT ACCOUNT# 0331-0149-0
IF OVER 150# SHIP FED EX NATIONAL ACCOUNT# 018757 - DO NOT INSURE
DO NOT PREPAY AND ADD TO ANY OF THE ABOVE METHODS
DO NOT SHIP EARLIER THAN TWO (2) WEEKS PRIOR TO DUE DATE, UNLESS SPECIFIED.

BRITISH AEROSPACE APPROVAL# BAe/AG/30158/MAA to BAe/AG/QC/SC1 PART 3
AIRBUS APPROVAL# 30114

GOODS OF UNITED STATES ORIGIN

TEST REPORTS ENCLOSED

ECCN: EAR99

DO NOT DESTROY

*IF APPLICABLE, PART MEETS DFARS CLAUSE 252.225-7009 ALT I

*PREFERENCE FOR DOMESTIC SPECIALTY METALS

RELEASE# WW1DOXJS59

Unless otherwise specified on this order, Cherry will manufacture and certify parts to the part number's latest revision. Latest revisions are shown at <https://bizpartner.cherryaerospace.com/partrevisions.htm> under "Part Number Revision List".

INCORRECT AND UNAVAILABLE PART NUMBERS WILL BE LINED OUT ON PO
CHERRY AEROSPACE DOES NOT ACCEPT CLAUSE V IN REGARDS TO ISO17025- CHERRY
IS COMPLIANT TO NADCAP REQUIREMENTS ONLY

Ln	Item Number	Site	Qty Open Qty to Ship	UM	Promised Shipped
		T Location/Lot/Serial			
1	CR9163-4-05	1600		EA	09/18/14

These commodities, technology or software were exported from the United States in accordance with the Export Administration Regulations. Diversion contrary to US law is prohibited

CERTIFICATION

ATTENTION: PURCHASING DEPARTMENT

The material and/or parts we are furnishing in this shipment (as shown above) on the subject Purchase Order conform to the order and applicable specifications. Evidence that the material and/or parts meet the specifications and results of all tests for each lot affected will be in our files and will be available for your inspection at any reasonable time.

Quality Assurance Representative

Signed: 

SIM NGUYEN

SIM NGUYEN



CHERRY[®] AEROSPACE
SPS Fastener Division, a PCC Company



Accredited
Nadcap[™]

Chemical Processing
Heat Treating
ISO/IEC 17025
Material Testing Lab

1224 East Warner Avenue
Santa Ana, CA 92707-0157

Final Inspection & Test Report Cherry[®] Rivet

An ISO9001 and AS9100 registered company. OASIS #6111041606

Part Numbers	Rev	Proc. Spec.	Rev
CR9163-4-05	J	MIL-R-7885	D2

Lot I.D. No.: **87961961**

Lot Size: **28,000**

MFG. Date: **August 06, 2014**

ASSEMBLY DATA

TYPE	ID #	CERT #	MATERIAL	FINISH	LUBE
Rivet	87961961	A74728	2117 ALUM ALLOY	MIL-C-5541	Par-90
Stem	87961964	A74848	2017 ALUM ALLOY	MIL-C-5541	Par-90

W.O. #: 5551336

Final Lube: None

QUALITY CONFORMANCE/ACCEPTANCE RESULTS

	INSTALLED SHEAR		SPINDLE RETENSION	
MIN REQ'D	370		15	
SAMPLE SIZE	9		9	
SPECS			UnLocked	
RESULTS	519	525	62	67
	522		60	
	525		68	
	520		64	
	520		64	
	523		59	
	521		60	
LOAD VALUES IN POUNDS	520		70	

PCS.	ITEM	STATUS	PCS.	ITEM	STATUS
<u>20</u>	EXAMINATION	<u>PASS</u>	<u>13</u>	INSTALLATION (Min and Max Grips)	<u>PASS</u>

Comments:

Blind Fastener

Tr. Rev.: 1
Rev. Date: 8/8/2014

Inspector
V Iriarte



Insp. Control #:

The parts contained in this shipment have been manufactured and inspected in accordance with TSO-C148. The conditions and tests required for TSO approval of this article are minimum performance standards. Aircraft fasteners approved under this TSO are not necessarily interchangeable with other aircraft fasteners approved under this TSO. Fasteners of similar dimensional properties may have widely varying performance and metallurgical properties. Substitution of parts may only be done if acceptable to or approved by the Administrator.

This test report shall not be reproduced except in full, without the written approval of the laboratory.
The recording of false, fictitious, or fraudulent statement or entries on the certificate may be punished as a felony under Federal law.

BENEKE

Product Certification And Testing Report

Customer:
CHERRY AEROSPACE LLC
ATTN: ACCTS. PAYABLE
1224 EAST WARNER AVENUE
P.O. BOX 2157

SANTA ANA

CA 92707-0157

Date >> 4/15/2014

Customer PO No	BWC Lot No.	Date Shipped
PO164101	25886	4/15/2014
Cust Item ID : M262.1230		

BWC Item No.
2H1230813041A01

Description:
.123" DIA. + - .0005" 4F 2117 - H13
#4 FINISH, ALUMINUM COLD HEADING WIRE X 22"
BLOCKWOUND 100# COILS.

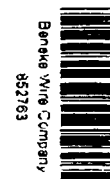
Specifications:

CUST SPEC	M-262	REV. F
FED SPEC	QQ-A-430	REV. C

Test Results

Chemical Limits										Test Results										
Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Others Each	Others Total	Aluminum Remainder	Case No.	lbs	Diameter (in)	Tensile (psi)	Yield (psi)	Peak Load (lbs)	EL %	Grain Size	
2117	.8	.7	2.2 - 3.0	.20	.20 - .50	.10	.25		.05	.15										
852763	.46	.40	2.8	.14	.46	.07	.14					41874-1	224	0.1230	29,930.0		355.6			
Total Weight:													224							

APR 24 2014



A74728

Beneke Wire Company

WE CERTIFY THAT SAMPLES REPRESENTING THE MATERIAL COVERED IN THIS REPORT HAVE BEEN INSPECTED AND FOUND TO MEET THE COMPOSITION LIMITS AND MECHANICAL PROPERTIES SHOWN ABOVE. ANY WARRANTY IS LIMITED TO THAT SHOWN ON BENEKE WIRE COMPANY'S STANDARD TERMS AND CONDITIONS OF SALE.

Authorized
Signature

Shannon King

Shannon King, Plant Metallurgist

Phone: (502) 367-6434

5540 National Turnpike

Louisville, KY 40214

**KAISER
ALUMINUM
FABRICATED PRODUCTS**

Best in Class

CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

Kaiser Aluminum Fabricated Products, LLC
600 Kaiser Drive
Heath, OH 43056-1088
740-522-1151

Miscellaneous Notes

Made in USA

Chemical exceptions Fe 0.30-0.7 Mercury is not a normal contaminant in aluminum alloys. Neither mercury nor any of its compounds were utilized by Kaiser Aluminum in the manufacture of this material. Actual (Act) chemical composition is from representative samples taken during the ingot casting process. Independent chemical analysis will vary from these values because of natural variation in the process and testing error. This test report shall not be reproduced, except in full, without the written approval of Kaiser Aluminum. The recording of false, fictitious, or fraudulent statements or entries on the certificate may be punished as a felony under federal law. Chemical analysis performed in accordance with ASTM E 1251-11. The Newark facility is AS9100C:2009 approved. The Newark Laboratory is NADCAP approved for chemical testing (OES).

The products you inquired and ordered are not governed by any applicable industry standard or custom specifications. They are produced, tested and released as such. By placing an order, you acknowledge and accept the full responsibility and liability for their fitness for the intended end use or end uses.

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLP ("Kaiser") hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with the applicable specifications forming a part of the description set forth in Kaiser's sales order acknowledgement form. Any warranty is limited to that shown on Kaiser's standard general terms and conditions.

Steven J. Tua, Technical Manager

Steven J. Tua

APR 24 2014



Bereas Wire Company
852763



A74728

Plant Serial: 35516
Kaiser Order Number: 172560092
Line Item: 1

BENEKE

Product Certification And Testing Report

Customer:
CHERRY AEROSPACE LLC
ATTN: ACCTS. PAYABLE
1224 EAST WARNER AVENUE
P.O. BOX 2157
SANTA ANA

CA 92707-0157

Date >> 5/5/2014

Customer PO No.	BWC Lot No.:	Date Shipped:
PO164957 ✓	26036	5/5/2014
Cust Item ID : M051.0980		

BWC Item No.
2F09808T3741A01

Description:
.098" DIA. +- .0005" 4F 2017 - T37
#4 FINISH, ALUMINUM COLD HEADING WIRE X 22"
BLOCKWOUND 100# COILS.

Specifications:
CUST SPEC
FED SPEC

M-51
QQ-A-430 ✓
REV. L-
REV. C

Chemical Limits											Test Results									
Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Others Each	Others Total	Aluminum Remainder	Case No.	lbs	Diameter (in)	Tensile (psi)	Yield (psi)	Peak Load (lbs)	EL %	Grain Size	
2017	.20-.8	-.7	3.5-4.5	.40-1.0	.40-.8	-.10	-.25	-.15	.05	.15										
852736 ✓	.36 ✓	.29 ✓	3.7 ✓	.61 ✓	.60 ✓	.02 ✓	.18 ✓	.02 ✓				42062-1	371	0.0983	68,040.0 ✓		517.0			
Total Weight:													371							

A74848



Beneke Wire Company-r-
852736

MAY 14 2014



Beneke Wire Company

WE CERTIFY THAT SAMPLES REPRESENTING THE MATERIAL COVERED IN THIS REPORT HAVE BEEN INSPECTED AND FOUND TO MEET THE COMPOSITION LIMITS AND MECHANICAL PROPERTIES SHOWN ABOVE. ANY WARRANTY IS LIMITED TO THAT SHOWN ON BENEKE WIRE COMPANY'S STANDARD TERMS AND CONDITIONS OF SALE.

Authorized
Signature

Shannon King

Shannon King, Plant Metallurgist

Phone: (502) 367-6434

5540 National Turnpike

Louisville, KY 40214

**KAISER
ALUMINUM
FABRICATED PRODUCTS**

Best in Class

CERTIFIED TEST REPORT
<http://Online.KaiserAluminum.com>

Kaiser Aluminum Fabricated Products, LLC
600 Kaiser Drive
Heath, OH 43056-1088
740-522-1151

Miscellaneous Notes

Made in USA

Chemical exceptions are as follows: Cu 3.8-4.1 Mercury is not a normal contaminant in aluminum alloys. Neither mercury nor any of its compounds were utilized by Kaiser Aluminum in the manufacture of this material. Actual (Act) chemical composition is from representative samples taken during the ingot casting process. Independent chemical analysis will vary from these values because of natural variation in the process and testing error. This test report shall not be reproduced, except in full, without the written approval of Kaiser Aluminum. The recording of false, fictitious, or fraudulent statements or entries on the certificate may be punished as a felony under federal law. Chemical analysis performed in accordance with ASTM E 1251-11. The Newark facility is AS9100C:2009 approved. The Newark Laboratory is NADCAP approved for chemical testing (OES).

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Steven J. Tua, Technical Manager

Steven J. Tua

MAY 14 2014
322
AUDIO

Bentley White Company
852738



A74848

Plant Serial: 35436
Kaiser Order Number: 172562498
Line Item: 1



CHERRY AEROSPACE
SPS Customer Division, a PCC Company

1224 East Warner Avenue
Santa Ana, CA 92707-0157



Accredited
Nadcap™

Chemical Processing
Heat Treating
ISO/IEC 17025
Material Testing Lab

Final Inspection & Test Report

Cherry® Rivet

An ISO9001 and AS9100 registered company. OASIS #6111041606

Lot I.D. No.: **87961961**

Rev: **1**

Customer Parts List

<u>Customer Part Number</u>	<u>Rev</u>	<u>Proc. Spec.</u>	<u>Rev</u>
MS20600AD4W5	1	MIL-R-7885	D2

KAISER ALUMINUM

FABRICATED PRODUCTS

Best in Class

CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

Kaiser Aluminum Fabricated Products, LLC
600 Kaiser Drive
Heath, OH 43056-1088
740-522-1151

CUSTOMER PO NUMBER:		CUSTOMER PART NUMBER:		PRODUCT DESCRIPTION:	
				ALY-JUMBO	
KAISER ORDER NUMBER:	LINE ITEM:	SHIP DATE:	ALLOY:	TEMPER:	
172560092	1	03/21/2014	2117		
WEIGHT SHIPPED:	QUANTITY:	B/L NUMBER:	DIAM/DAF/THKNS:	WIDTH:	LENGTH:
5260 lbs.	23 pcs.	9419		0.000 in.	0.0 in.
SHIP TO:			SOLD TO:		
BENEKE WIRE COMPANY 5540 NATIONAL TURNPIKE LOUISVILLE, KY 40214			BENEKE WIRE COMPANY 5540 NATIONAL TURN PIKE LOUISVILLE, KY 40214		

Test Code: 8000

Actual Physical Properties

Lot No.	No. Tests	WGU	ksi
852763	1	MIN	21.7
		MAX	21.7

Chemical Composition, WT. % (Aluminum Remainder)

Lot	Cast/Drop	ChemID	Si	Fe	Cu	Mn	Mg	Cr	Zn
852763									
2-2F2	Act.		0.46	0.40	2.8	0.14	0.46	0.07	0.14
188927									
Chemical	Min				2.2		0.20		
Limits	Max		0.8	0.7	3.0	0.20	0.50	0.10	0.25
		Others	Each	0.05	Max		Total	0.15	Max

Beneke Wire Company
852763



A74728

APR 24 2014



Plant Serial: 35516

Kaiser Order Number: 172560092

Line Item: 1

KAISER ALUMINUM FABRICATED PRODUCTS

Best in Class

CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

Kaiser Aluminum Fabricated Products, LLC
600 Kaiser Drive
Heath, OH 43056-1088
740-522-1151

CUSTOMER PO NUMBER:		CUSTOMER PART NUMBER:		PRODUCT DESCRIPTION:	
				ALY-JUMBO	
KAISER ORDER NUMBER:	LINE ITEM:	SHIP DATE:	ALLOY:	TEMPER:	
172562498	1	03/14/2014	2017		
WEIGHT SHIPPED:	QUANTITY:	B/L NUMBER:	DIAM/DAF/THKNS:	WIDTH:	LENGTH:
2051 lbs.	9 pcs.	9367		0.000 in.	0.0 in.
SHIP TO:			SOLD TO:		
BENEKE WIRE COMPANY 5540 NATIONAL TURNPIKE LOUISVILLE, KY 40214			BENEKE WIRE COMPANY 5540 NATIONAL TURN PIKE LOUISVILLE, KY 40214		

Test Code: 2415

Actual Physical Properties

Lot No.	No. Tests		WGE %	WGU ksi	WGY ksi
852736 ✓	1	MIN	30.0	28.4	15.9
		MAX	30.0	28.4	15.9

Chemical Composition, WT. % (Aluminum Remainder)

Lot		Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Zr
Cast/Drop										
ChemID										
852736										
46-2F2	Act.	0.36	0.29	3.7	0.61	0.60	0.02	0.18	0.02	0.00
187632										

Chemical	Min	0.20		3.5	0.40	0.40				
Limits	Max	0.8	0.7	4.5	1.0	0.8	0.10	0.25	0.15	0.10

Others Each 0.05 Max Total 0.15 Max



MAY 14 2014

Plant Serial: 35436
Kaiser Order Number: 172562498
Line Item: 1